

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/014773

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F23R3/28 F23R3/34 F23D14/72 F23D14/74

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23R F23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 670 456 A (NUOVOPIGNONE INDUSTRIE MECCANICHE E FONDERIA S.P.A) 6 September 1995 (1995-09-06)	1-3,5-7, 16,17
Y	column 4, line 15 - line 26; figures 1,2	4,8,13, 14
X	US 5 885 068 A (DOEBBELING ET AL) 23 March 1999 (1999-03-23) column 3, line 12 - column 4, line 17; figure	1
Y	EP 1 321 714 A (NUOVO PIGNONE HOLDING S.P.A) 25 June 2003 (2003-06-25) paragraphs '0036!, '0042!; figures 2,4	4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

31 March 2005

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15/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 087 178 A (NUOVO PIGNONE HOLDING S.P.A) 28 March 2001 (2001-03-28) paragraphs '0009!, '0020!, '0036! - '0039!, '0043!, '0060!, '0062!; figure 2 -----	8,13,14
A	EP 0 589 520 A (NUOVO PIGNONE INDUSTRIE MECCANICHE E FONDERIA S.P.A; ENIRICERCHE S.P.A) 30 March 1994 (1994-03-30) figure -----	1-17
A	EP 0 800 041 A (ROLLS-ROYCE PLC) 8 October 1997 (1997-10-08) figure 1 column 3, line 54 - column 4, line 45 column 6, line 25 - column 7, line 11 -----	8,9,11,12

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014773

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0670456	A	06-09-1995	IT 1273369 B AT 173809 T DE 69506142 D1 DE 69506142 T2 EP 0670456 A1 ES 2123842 T3 JP 7305846 A US 5660044 A	08-07-1997 15-12-1998 07-01-1999 17-06-1999 06-09-1995 16-01-1999 21-11-1995 26-08-1997
US 5885068	A	23-03-1999	DE 19614001 A1 CN 1165937 A DE 59711087 D1 EP 0801268 A2 JP 10038275 A	16-10-1997 26-11-1997 22-01-2004 15-10-1997 13-02-1998
EP 1321714	A	25-06-2003	IT MI20012780 A1 CA 2413635 A1 EP 1321714 A2 JP 2003207130 A US 2003121266 A1	23-06-2003 21-06-2003 25-06-2003 25-07-2003 03-07-2003
EP 1087178	A	28-03-2001	IT MI991980 A1 AT 284006 T CA 2320611 A1 DE 60016345 D1 EP 1087178 A1 JP 2001116257 A US 6363725 B1	23-03-2001 15-12-2004 23-03-2001 05-01-2005 28-03-2001 27-04-2001 02-04-2002
EP 0589520	A	30-03-1994	IT 1255613 B DE 69303448 D1 DE 69303448 T2 DK 589520 T3 EP 0589520 A1 ES 2089699 T3 GR 3020636 T3 JP 3398845 B2 JP 6221556 A US 5381652 A	09-11-1995 08-08-1996 23-01-1997 16-09-1996 30-03-1994 01-10-1996 31-10-1996 21-04-2003 09-08-1994 17-01-1995
EP 0800041	A	08-10-1997	DE 69721626 D1 DE 69721626 T2 EP 0800041 A2 US 5862668 A	12-06-2003 06-11-2003 08-10-1997 26-01-1999